We Claim:

1. Discharge valve for discharge of pressurized fluids, foam, gel or similar, with

- a sack (11) of flexible film material, which is flat welded in a border area (12) in two superimposed layers,
- a receptacle body (15), which is welded in the border area (12) between the two layers of the film material,
- a valve stem (6), which is made of a synthetic material that is essentially impermeable to organic media and has a tubular section (26),
- whereby the receptacle body (15) either has a tubular appendage (9) or a corresponding receptacle (24) and the valve stem (6) has either an appendage or a receptacle as a counterpart for the receptacle body, in order to connect the receptacle body (15) and valve stem (6) with each other using a clamp connection, and
- a gasket (8), which is arranged between the receptacle body (15) and valve stem (6) and at least partially covers the receptacle body on its side (28) facing the valve stem.

2. Discharge valve according to Claim 1, characterized in that the appendage (9) has a tubular section (20) with a widened end section (22).

3. Discharge valve according to Claim 2, characterized in that the end section (22) narrows in a truncated shape towards its free end.

4. Discharge valve according to one of the Claims 1 to 3, characterized in that the receptacle has a step (18) in its opening section that reduces the diameter.

5. Discharge valve according to one of the Claims 1 to 4, characterized in that the gasket (8) has the shape of a flat ring.

6. Discharge valve according to Claim 5, characterized in that the gasket (8) is made of a flexible material, preferably out of a BUNA.

7. Discharge valve according to one of the Claims 1 to 6, characterized in that the receptacle body (15) has a circumferential tapered ring (30) on its side (28) facing the valve stem.

8. Discharge valve according to one of the Claims 1 to 7, characterized in that the receptacle body (15) has a tapered-oval cross section, whose tips point to the welding seam (12) of the sack (11).

9. Discharge valve according to one of the Claims 1 to 8, characterized in that in the connected condition of the valve stem and receptacle body the gasket is pressed between them.

10. Discharge valve according to one of the Claims 1 to 9, characterized in that the appendage (9) is formed on the valve stem (6) and the receptacle body (15) is provided with the receptacle (24).

11. Discharge valve according to one of the Claims 1 to 9, characterized in that the appendage (9) is formed on the receptacle body (15) and the receptacle (14) is provided in the valve stem (6).

12. Discharge valve according to one of the Claims 1 to 11, characterized in that the film material is coated on its welded side with PE, PET and/or PP.

13. Discharge valve according to Claim 12, characterized in that the receptacle body is made out of PBT, PE or PP.

14. Discharge valve according to Claim 12 and 13, characterized in that the receptacle body and the welded side of the film material is made out of one of the following material combinations: PBT and PET, PE and PE, as well as PP and PP.

15. Discharge valve according to one of the Claims 1 to 14, characterized in that the valve housing is made out of POM, especially polyacetals.

16. Discharge valve with a sack for the discharge of pressurized fluids, foams, gels or similar with a welded sack (11) out of flexible film material with a welded on receptacle body (15), which is able to be placed into a container (1), through an opening which is closable by a valve cap (2), whereby the valve cap (2) holds a valve stem (6) with a valve needle (4) which is axially movable out of a closed position against the force of an elastic element, especially a spring (7), a receptacle (14) is arranged on a valve stem (6) for fastening of a sack (11), characterized in that the frontal surface (16) of the receptacle body (15) welded in the sack is at least partially covered by means of a gasket (8).

17. Discharge valve with a sack according to Claim 16, characterized in that the gasket (8) is arranged between the frontal surface (16) of the receptacle body (15) and the receptacle (14) of the valve stem (6).

18. Discharge valve with a sack according to Claim 16 or 17, characterized in that the receptacle body (15) has an appendage (10), which is held by the valve stem (6) for fastening on the valve stem (6).

19. Discharge valve with a sack according to one of the Claims 16 to 18, characterized in that the width of the welding seams on the sack (11) is at least 5 mm to increase the diffusion resistance.

20. Discharge valve according to Claim 19, characterized in that the width of the welding seam is 10 to 14 mm.